@xia

iX-100

DIGITAL CAMERA

User's Manual

B-011015 E

Brief Description

This Digital Camera iX-100 is a simple, easy-to-use digital camera. The USB cable and SmartMedia supplied with the camera make it easy for you to download images to your PC. You can also use the video output function to view your images on a TV. The bundled “ArcSoft PhotoImpression3.0” software on the enclosed CD-ROM provides a range of functions that make it easy for you to modify your images, create calendars or postcards and print out what you have created on your printer.

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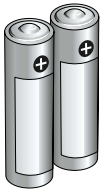
- SmartMedia™ is trademark of Toshiba Corporation.
- PhotoImpression™ is trademark of Arcsoft, Inc.
- All other company or product names are trademarks or registered trademarks of the respective companies.

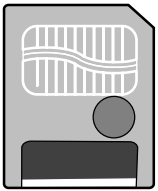
Package Contents

After purchasing this product, be sure to check that the package contains all the items listed below.

Camera



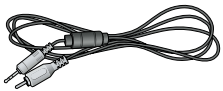
LR6 AA-size alkaline batteries (2)



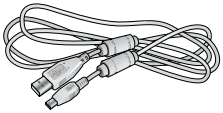
SmartMedia (4MB)

Soft case

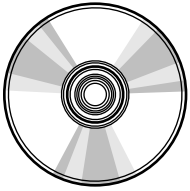
Strap



Video cable



USB cable



CD-ROM

User's manual, Quick start guide, Warranty card

Every effort has been made to ensure that this product is complete. If any items are missing from the package, contact the store from which you purchased the camera. Keep the camera packaging in a safe place as it will be needed if you return the camera for repairs, etc.

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Safety Notes

To ensure that you use your camera correctly, read these Safety Notes and your User's Manual carefully beforehand. The warnings given here provide important safety information and should be observed at all times.

■ The icon shown below is used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

⚠ **WARNING**	This icon indicates that death or serious injury can result if the information is ignored.

Safety Notes Be sure to read these Safety Notes before using the products.

⚠ WARNING

- The enclosed disk is a computer CD-ROM. Never attempt to play this disk on an ordinary music CD player as it may produce extremely high noise levels that could damage your hearing or your audio equipment.
- The camera is precision instrument. Never attempt to take this part apart. There is a serious danger of a powerful electric shock.
- Do not drape the connection cord around your neck or otherwise treat the cable carelessly as this could result in suffocation.
- Do not look through the viewfinder at the sun or other strong-light. This could damage your eyesight.
- Do not leave the camera in locations exposed to direct sunlight as this could cause a fire due to the action of the lens.
- Ensure that batteries are stored in a safe, secure place well out of the reach of any small children.

Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given "Notes on the Power Supply" (→P.8).

●General Information

- Do not use the camera while you are walking, running, driving or operating machinery. This can result in a serious accident.
- Do not use the flash close to anyone's eyes. This can cause temporary damage to eyesight.
- Request regular internal testing and cleaning for your camera. Build-ups of dust in your camera can cause fire or shock.
- Do not use this device in aircraft or hospitals. The use of this device in an aircraft or hospital can cause malfunctions in the control devices used in aircraft hospitals.

Notes on Using Your Camera Correctly

●Test Shots Prior to Photography

For particularly important photographs (such as weddings and overseas trips), always take a test photograph and view the image to make sure that the camera is functioning normally.

✻ Fuji Photo Film (U.K.) Ltd., cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this products.

●Notes on Copyright

Image recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory card containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

●Liquid Crystal

If the LCD is damaged, take particular care with the liquid crystal in the panel. If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact your skin:
  Wipe the area with a cloth and then wash thoroughly with running water and soap.
- If liquid crystal gets into your eye:
  Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed:
  Flash your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

●Handling Your Digital Camera

- This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.
- Do not load or remove the SmartMedia while the camera is switched on as this could destroy the data on the SmartMedia. Switch the camera off before loading or removing the SmartMedia.

●Places to Avoid

Do not use or store the camera in the following type of locations:

- In the rain or in very humid, dirty or dusty places.
- Places subject to extreme temperature rises, such as in direct sunlight or closed car in summer. Extremely cold places.
- Places subject to strong vibration.
- Places affected by smoke or steam.
- Places subject to strong magnetic fields (such as near motors, transformers or magnets).
- In contact with chemicals such as pesticides or next to rubber or vinyl products for long periods of time.
- Sandy places such as beaches or deserts, or places where there is wind borne sand.

●Notes on Condensation

If the camera is carried suddenly from a cold location into a warm place, water droplets may form on the inside of the camera or on the lens (condensation). When this occurs, switch the camera off and wait an hour before using the camera.

●Cleaning Your Camera

- Use blower brush to remove dust from the lens, LCD or viewfinder as these surfaces, and then wipe lightly with a soft, dry cloth.
- Do not scratch hard objects against the lens, LCD or viewfinder as these surface are easily damaged.
- Clean the body of the camera with a soft, dry, cloth. Do not use volatile substances such as thinners, benzine or insecticide, as these may react with camera body and cause deformation or remove the coating.

●Using the Camera Overseas

- When traveling overseas, do not place your camera in the check-in baggage. Baggage handling at airports may subject baggage to violent shocks, and the camera may be damaged internally even when no external damage is visible.

●Others

- To view the images you have shot, you will need a TV or a PC that conforms to the hardware and software requirements given in the table on P.46.
- You will need a printer to print out the images you have shot.
- Fuji Photo Film (U.K.) Ltd., accepts no liability whatsoever for any damages or loss of revenue incurred as a result of the deleting of data stored in the computer memory due to a fault or any other cause.

Notes on the Power Supply

●Applicable Batteries

- LR6 AA-size alkaline batteries can be used with this camera.
- The operating lives of alkaline batteries vary between brands and the life of batteries you purchase may be shorter than the alkaline batteries provided with the camera.

●Notes on the Batteries

Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given below.

- When loading the batteries into the camera, ensure that the battery polarity (⊕ and ⊖) is as indicated on the camera.
- Ensure that the camera is switched off when loading and removing the batteries.
- Do not heat the batteries or throw into a fire.
- Do not carry or store batteries with metal objects such as necklaces or hairpins that could come into contact with the metal ⊕ and ⊖ poles of the batteries.
- Do not expose the batteries to fresh or sea water, and take particular care to keep the terminals dry.
- Do not attempt to deform, disassemble or modify the batteries.
- Do not attempt to peel off or cut the batteries casing.
- Do not drop, strike or otherwise subject the batteries to strong impacts.
- Do not use the batteries that are leaking, deformed, discolored or exhibit any other obvious abnormality.
- Do not store the batteries in very warm or moist locations.
- Keep the batteries out of reach of babies and small children.
- Do not use new battery together with used battery. Do not

use batteries of different types or brands together.

- When replacing the batteries, always fit 2 new batteries. Here, 'new batteries' refers to either recently purchased unused alkaline batteries.
- In cold locations (at temperatures of +10°C or below), battery performance deteriorates and the time for which they can be used shortens markedly. This is particularly true of alkaline batteries. In cold conditions, put the batteries in your pocket or a similar place to warm them before loading them into the camera. If you use a body warmer to warm the batteries, ensure that they are not in direct contact with the warmer.
- If the battery terminals are soiled by fingerprints, etc., the number of available shots declines markedly. Carefully wipe the battery terminals with a soft dry cloth before loading them into the camera.

⚠ WARNING

- If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.
- If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.

Notes on the SmartMedia™

SmartMedia

The SmartMedia card supplied with your camera is a new image recording medium developed especially for use in digital cameras. Each SmartMedia card contains a built-in semiconductor memory chip (NAND flash memory) which is used for storing digital image data. Because the data is stored electronically, the stored image data can be deleted from the card and new data recorded.

SmartMedia with IDs

The SmartMedia ID is a SmartMedia that has an individually assigned identification number. SmartMedia ID cards can be used with devices that use ID numbers for copyright protection or other purposes. This camera accepts SmartMedia ID cards in the same way as conventional SmartMedia cards.

Storing Data

In the situations listed below, recorded data may be deleted (destroyed). Please note that Fuji Photo Film (U.K.) Ltd., accepts no responsibility whatever for the loss (destruction) of recorded data.

- When the SmartMedia is used incorrectly by the owner or a third party.
- When the SmartMedia is exposed to static electricity or electrical noise.
- When the SmartMedia slot cover is opened or the SmartMedia removed and the camera is then switched off during data recording, during data deleting (SmartMedia formatting).

Notes on Handling SmartMedia

- Take care to hold the SmartMedia straight when you load it into your camera.

- Never remove the SmartMedia or switch the camera off during data recording, during data deleting (SmartMedia formatting). These actions could result in damage to the SmartMedia.
- Use only the SmartMedia specified for use with the camera. The use of other SmartMedia could damage the camera.
- The SmartMedia are precision electronic devices. Do not bend, drop, or subject the SmartMedia to shocks.
- Do not use or store the SmartMedia in environment likely to be affected by strong static electricity or electrical noise.
- Do not use or store the SmartMedia in very hot, humid or corrosive environment.
- Take care not to touch the SmartMedia's contact area or allow the area to become soiled. Use a dry lint-free cloth to wipe away any soiling that does occur.
- To avoid damage caused by static electricity, always use the special static-free case provided during transportation or storage, or keep the SmartMedia in a storage case if available.
- Inserting a SmartMedia that is charged with static electricity into your camera may result in a camera malfunction. If this occurs, switch the camera off and then on again.
- Do not carry the SmartMedia in locations such as a trouser pocket. This could subject the SmartMedia to excessive force when you sit down, thereby damaging the SmartMedia.
- The SmartMedia may feel warm when it is removed from the camera after extended periods of picture taking or image viewing. This is normal and does not indicate a fault.
- SmartMedia have a limited life and it will eventually become impossible to store or delete data on a SmartMedia that has been used for a long period. When this occurs, purchase a new SmartMedia card.
- Affix the label onto the designed area of the card. Do not use third-party labels as this can lead to problems when the card is inserted or removed.
- When you attach the label, take care that it does not cover any of the write-protect area.

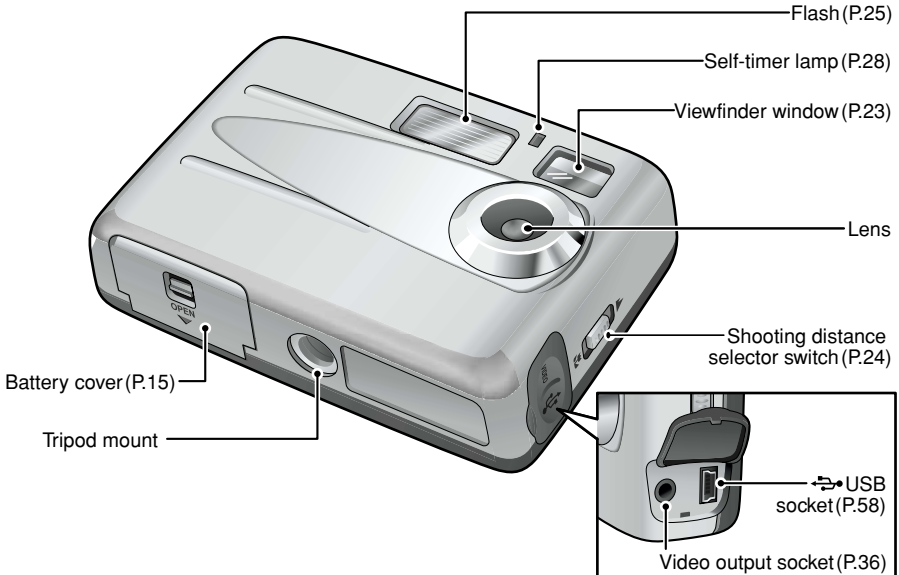
Notes on Using SmartMedia with a PC

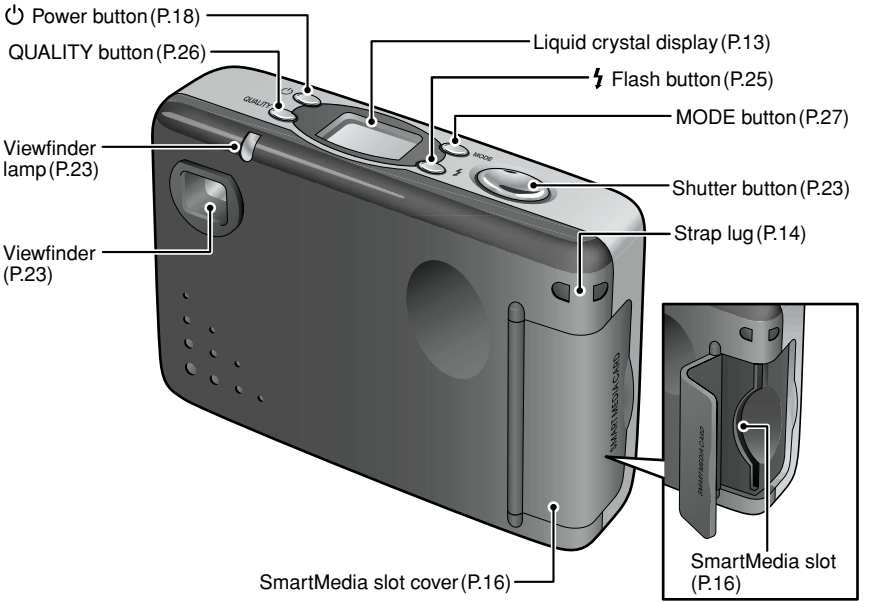
- If you intend to take photos using a SmartMedia that has been used on a PC, format the SmartMedia by connecting the camera to a TV using the video cable.
- Do not change or delete the directory (folder) names or file names on the SmartMedia from your PC as this will make it impossible to use the SmartMedia in your camera.
- To edit image data, copy the image data to the PC's hard disk and then edit the copied data.

Specifications

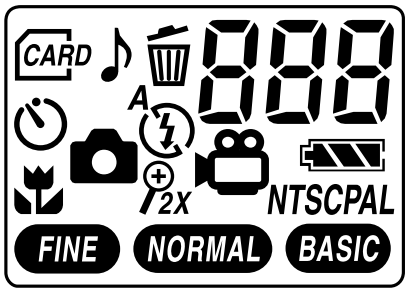
Type	Image memory card for digital cameras (SmartMedia)
Operating voltage	3.3V
Conditions for use	Temperature: 0°C to +40°C Humidity: 80% or less (no condensation)
Dimensions	37mm × 45mm × 0.76mm (W×H×D)

Nomenclature




Power button (P.18)
QUALITY button (P.26)
Liquid crystal display (P.13)
Flash button (P.25)
MODE button (P.27)
Viewfinder lamp (P.23)
Shutter button (P.23)
Strap lug (P.14)
Viewfinder (P.23)
SmartMedia slot cover (P.16)
SmartMedia slot (P.16)

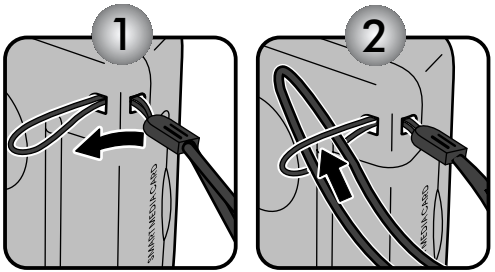
Liquid Crystal Display (LCD)

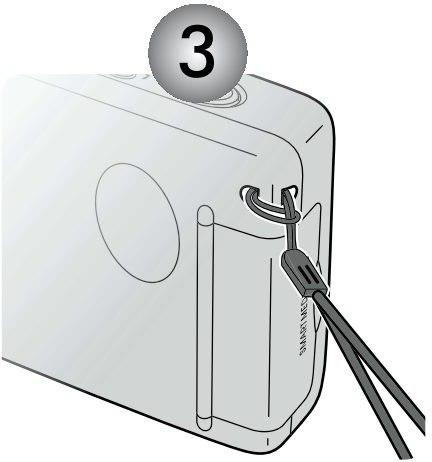


LCD	Mode	See page
888	Number of Available Shots (001-999), etc.	P.23, 33, 45
	Battery Status	P.18
CARD	SmartMedia is loaded/unload	P.19
	Still Image Mode Movie Mode	P.22, 30

LCD	Mode	See page
	Close-up Mode	P.24
A	Flash Mode A Auto Flash Forced Flash Flash-off	P.25
FINE NORMAL BASIC	Quality (Image Quality)	P.26
	Self-timer Mode	P.28
2X	Digital Telephoto Mode	P.29
PAL NTSC	Video Output Format	P.33, 36
♪	Beep Tone on/off	P.33, 45
	Delete Mode	P.34

ATTACHING THE STRAP



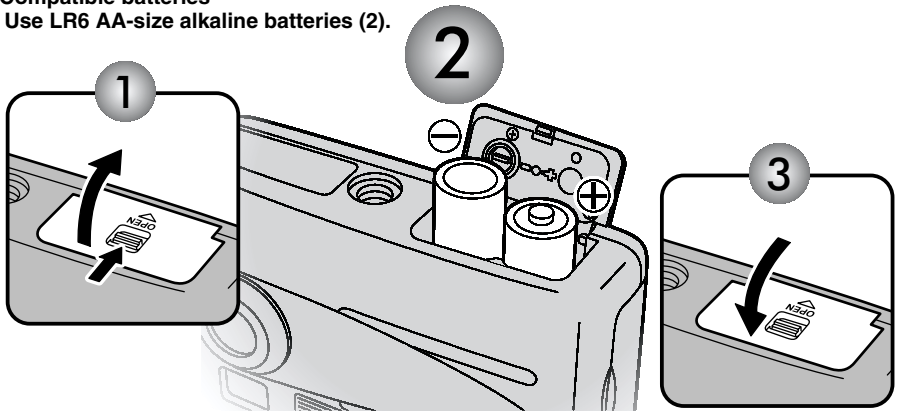


Point

Do not use a strap made for cellular phones or similar electronic products. These straps are usually too light or weak to hold your camera securely. For safety, use only straps designed for cameras.

LOADING THE BATTERIES

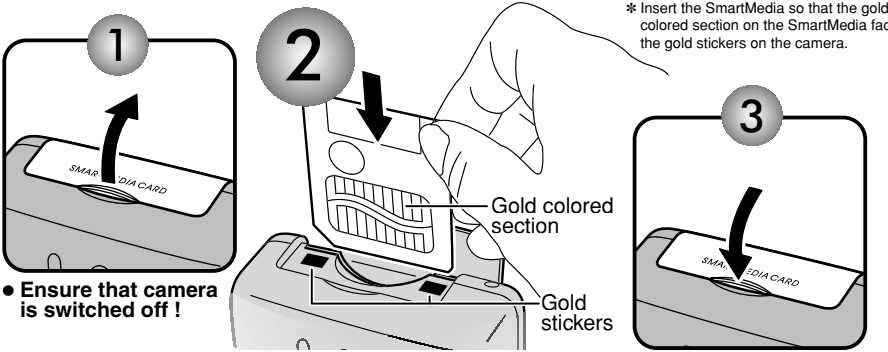
■Compatible batteries
Use LR6 AA-size alkaline batteries (2).



Point

- When loading the batteries into the camera, ensure that the battery polarity (⊕ and ⊖) is as indicated on the camera.
- The operating lives of alkaline batteries vary between brands and the life of batteries you purchase may be shorter than the alkaline batteries provided with the camera.
- In cold locations (at temperatures of +10°C or below), battery performance deteriorates and the time for which they can be used shortens markedly.
- Do not use new battery together with used battery. Do not use batteries of different types or brands together.
- Take care not to drop the batteries when you open or close the battery cover.

LOADING THE SmartMedia™



✻ Insert the SmartMedia so that the gold-colored section on the SmartMedia faces the gold stickers on the camera.

● **Ensure that camera is switched off !**

■Supported SmartMedia and Standard No. of Available Shots

✻ Operation of this camera is only guaranteed when it is used with FUJIFILM SmartMedia.

	QUALITY (Image quality)		
SmartMedia	FINE	NORMAL	BASIC
4MB	14	20	43
8MB	28	40	88
16MB	57	81	176
32MB	116	163	354
64MB	232	327	709
128MB	464	655	1421

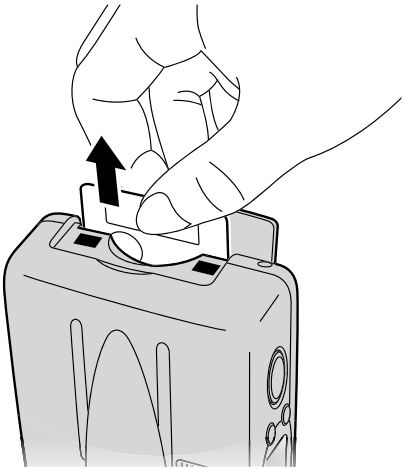
✻ The number of shots may increase or decrease slightly depending on the type of subject. Note also that the larger the SmartMedia capacity, the greater the discrepancy between the standard number of shots and the actual number of shots.

Point

- Only use 3.3V SmartMedia.
- The SmartMedia will not slide fully into the slot if it is inserted facing the wrong way.

Removing the SmartMedia

- **Ensure that camera is switched off !**

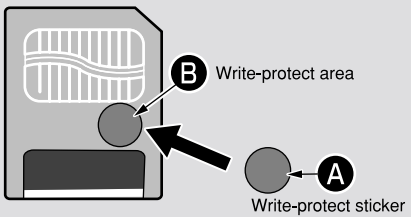


Point

Never remove the SmartMedia while the camera is still switched on.

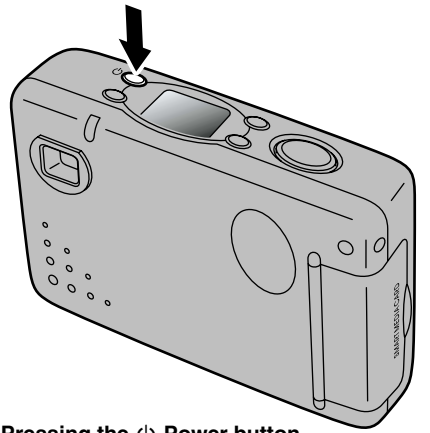
Write-Protecting SmartMedia

Affixing a write-protect sticker to a SmartMedia makes it impossible to record or delete images on the SmartMedia or format the SmartMedia. Simply peel off the sticker to use the card normally again.



- Always use the write-protect stickers Ⓐ provided and ensure that the sticker is firmly affixed to the SmartMedia and does not overlap outside the write-protect area Ⓑ. Do not reuse write-protect stickers.
- Take care not to cut yourself with the edge of the sticker.
- Soiled stickers may fail to effectively write-protect the SmartMedia.

SWITCHING ON AND OFF

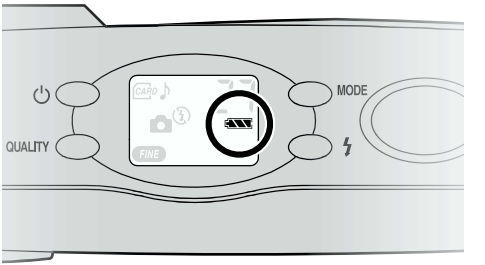


- **Pressing the ⏻ Power button switches the camera on and off.**

Point

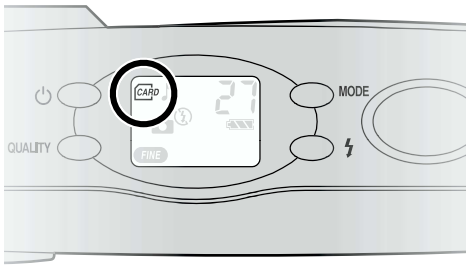
Switching the camera on allows you to check the remaining battery charge and ascertain whether a SmartMedia is loaded in the camera.

Battery Status



LCD	Description
	The batteries have ample charge.
	The battery charge is low. Have a new set of batteries ready.
	The batteries will run out shortly. We recommend to replace with new batteries.
	The batteries are exhausted. Replace with new batteries.

SmartMedia Status



LCD	Description
CARD	A SmartMedia card is loaded.
CARD	A SmartMedia is write-protected. ✻If the beep tone is switched on (→P.33, 45), the camera emits a beep.

Point

If you load a SmartMedia into your camera correctly and the "CARD" icon does not appear, wipe the contact area (gold-colored section) of the SmartMedia with a soft dry cloth and then reload the SmartMedia.

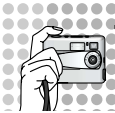
Power Save Function

The Power Save function automatically switches the camera off to avoid wasting battery power when the camera is left unused for a set period while switched on.

✻ The Power Save function does not operate when a USB connection is being used.

- To ready the camera for taking pictures after the Power Save function has been activated, press the ⏻ Power button.
- You can change the period of time after which the Power Save function is activated. To change the setting, connect the camera to a TV (→P.36) and use the Setting menu (→P.45).
  - ■ Settings: Approx. 30 seconds/45 seconds/ 60 seconds (factory default)/90 seconds/off

GUIDE TO CAMERA OPERATIONS



TAKING PICTURES

REVIEW

DELETE

Using camera

Still Image Mode (→P.22)

Shooting Distance Selection (→P.24)
- Normal Mode
- Close-up Mode

Flash Mode Selection (→P.25)
- A Auto Flash
- Forced Flash
- Flash-off

Quality Selection (→P.26)
FINE / NORMAL / BASIC

Mode Selection (→P.27)
- Self-timer Mode (→P.28)
- Digital Telephoto Mode (→P.29)

Movie Mode (→P.30)

Using camera & TV

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Review (→P.39)
Slide show (→P.40)

Refer to

Refer to “Connecting to a TV” (→P.36)

Using camera

Delete the selected frame (→P.34)

✻ You can delete all the images.

This function is useful for deleting the last image shot.

SEL SETTINGS

Using camera & TV

Delete the selected frame (→P.41)
Delete all (→P.42)
Format (→P.42)

Refer to

Refer to “Connecting to a TV” (→P.36)

You can check your images on the TV as you select the frames to be deleted.

Using camera

Video Output Format (→P.33)
Beep Tone Setting (→P.33)
Counter Display Format (→P.33)

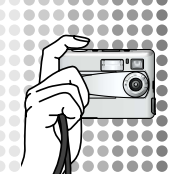
Using camera & TV

Video Output Format (→P.36)

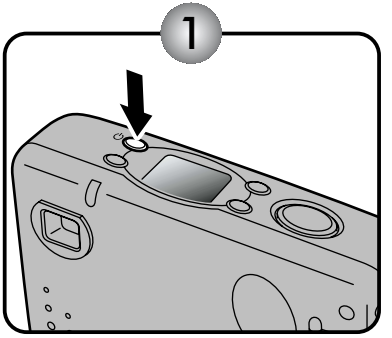
Main Menu (→P.37)
- Language (→P.43)
- Camera information (→P.44)
- Settings (→P.45)
  - Slide show mode
  - Slide show duration
  - Power save function (Time out)
  - Beep tone
  - Counter display format (Picture counter)
  - Restore default settings

Refer to

Refer to “Connecting to a TV” (→P.36)



TAKING PICTURES



Switch the camera on.

- Focal range: Approx. 1.0 m to infinity

Point

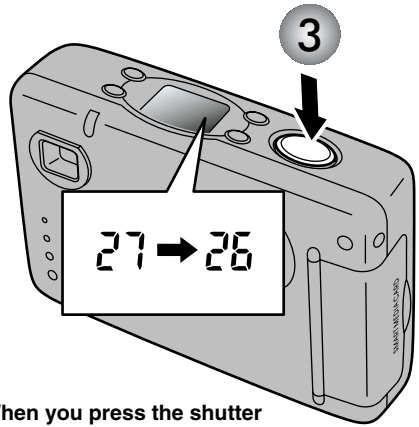
- For normal photography, check that the shooting distance selector switch is set to ▲ (→P.24).
- For close-up photography, set the shooting distance selector to 🌷 (→P.24).

Loading the strap over your wrist, brace your elbows firmly against your body and hold the camera with both hands.

Compose your shot so that the subject you want to photograph is within the field of view (bright frame).

Point

The image will be blurred if the camera moves when taking the picture (camera shake). When shooting in low-light conditions, use a tripod to prevent blurred images due to camera shake.



When you press the shutter button, the camera taking the picture.
The image is then recorded and the number in the counter decreases.

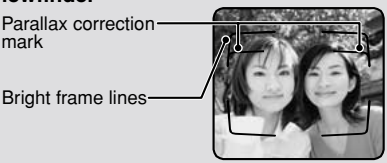
- You can change the counter display format (→P.33).

Point

- The number of shots may increase or decrease slightly depending on the type of subject.
- Never open the battery cover or remove the SmartMedia while the viewfinder lamp is flashing.

Viewfinder and Viewfinder Lamp Display

■Viewfinder



The area inside the field of view (bright frame) is photographed. Compose your shot so that what you want to photograph is within the field of view (bright frame).

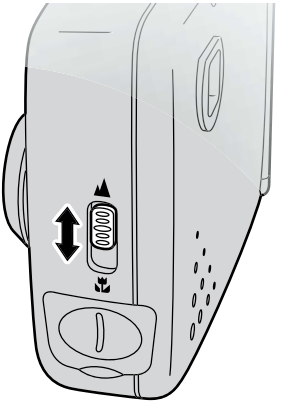
■Viewfinder lamp display

Color	Status	Status of viewfinder lamp	Description
Green	Taking pictures is possible.	Lit	Ready to shoot
		Flashing	Image being recorded onto the SmartMedia.
Orange	Taking pictures is impossible.	Lit	Flash charging
		Flashing	Image being recorded onto the SmartMedia.
Blinking green and orange alternately	Waiting for ready to switch the camera off.	Flashing	Image being recorded onto the SmartMedia.
Red	SmartMedia warning.	Lit	See "Troubleshooting" (→P.69).

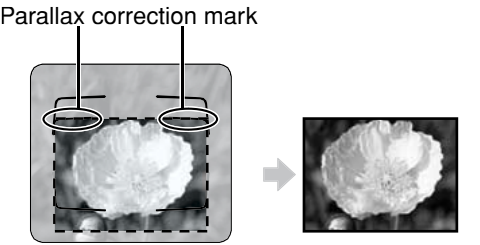
SELECTING THE SHOOTING DISTANCE (Normal Mode/ Close-up Mode)

You can take close-up pictures by setting the shooting distance selector switch to .

- Focal range: Approx. 20-30 cm



Mode	Description
	The camera is ready for normal photography. The " " icon is not displayed on the LCD (→P.22).
	The " " icon appears on the LCD indicating that the camera is ready for close-up photography.



When close-up photography is selected, the area inside the dotted line shown above is photographed. Compose your shot so that your subject is inside the dotted lines.

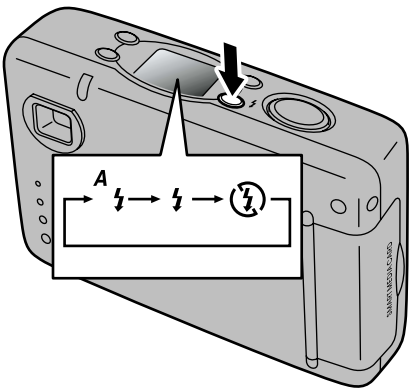
Point

When taking close-up photography, the field visible through the viewfinder does not match the field actually photographed because the viewfinder and lens are in different positions.

SELECTING THE FLASH MODE

You can select the flash mode in response to various subjects.

- Effective flash range: Approx. 0.8-2.0 m



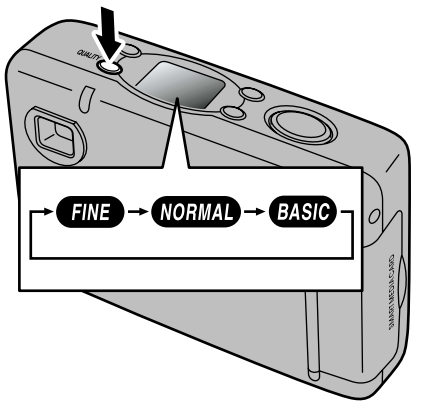
LCD	Mode	Description
A	Auto Flash	The flash fires automatically as required by the shooting conditions. ● Use this mode for ordinary photography.
	Forced Flash	The flash fires in bright conditions as well as dark conditions. ● Use this mode to photograph backlit scenes, such as a subject against a window or in the shade of a tree, or to obtain the correct colors when you are shooting under lighting such as fluorescent tubes.
	Flash-off	The flash stops firing. ● Use this mode for photography using indoor lighting, for shots taken through glass, and for photography in venues such as theaters or at indoor sporting events where the distance is too great for the flash to be effective.

Point

- If you use the flash in very dusty environments, floating dust particles may appear as glowing white dots on your image.
- If you are shooting in flash-off mode in dark conditions, use a tripod to prevent camera shake.

QUALITY ***SELECTING THE QUALITY MODE (IMAGE QUALITY)***

You can select the appropriate quality for your shots. The number of available shots varies depending on the selected quality setting, and the number of available shots shown by the counter increases or decreases accordingly.



■Quality (Image Quality)

Select "FINE" for better image quality and "BASIC" to increase the number of available shots. In most cases, the "NORMAL" setting provides more than adequate image quality.

Quality (Image quality)	File size	Compression ratio	Image data size
FINE	1280 × 1024 (Approx. 1.3 mega pixels)	Low	Approx. 300KB
NORMAL	1280 × 1024 (Approx. 1.3 mega pixels)	Medium	Approx. 200KB
BASIC	640 × 512 (Approx. 0.33 mega pixels)	Medium	Approx. 100KB

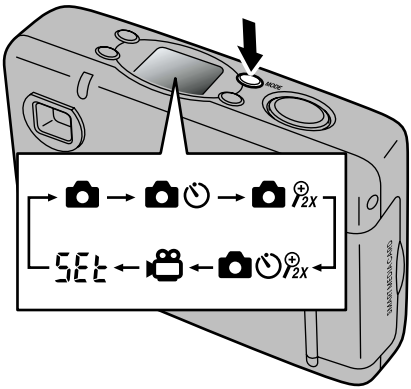
Point

Try using the guidelines below to select the appropriate setting for your shot.

- "FINE" "NORMAL": For printing at A6 size.
- "BASIC": For use via the Internet as an e-mail attachment, etc.

MODE ***SELECTING THE MODE***

The MODE button allows you to select from a range of shooting modes to suit your subject and to modify camera settings or delete images.

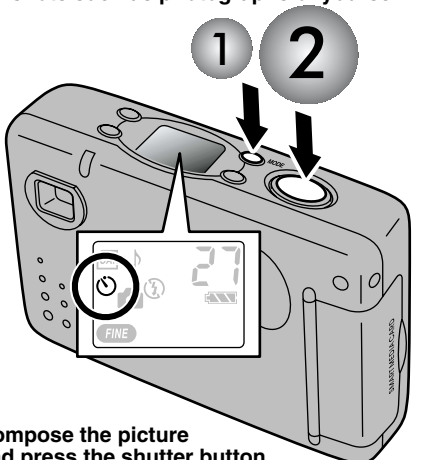


LCD	Mode	See page
	Still Image Mode	P.22
	Self-timer Mode	P.28
	Digital Telephoto Mode	P.29
	Self-timer & Digital Telephoto Mode	P.28, 29
	Movie Mode which allows you to shoot up to 90 seconds of movie at a time	P.30
SET	Set Mode (Video Output Format/ Beep Tone Setting/Counter Display Format/Delete)	P.32

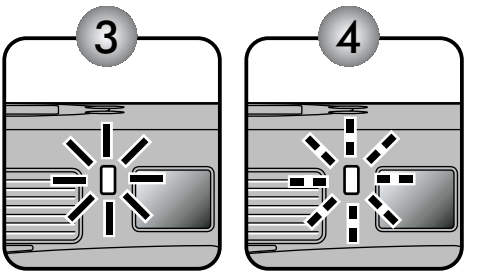
Self-timer Mode

MODE

In this mode, a timer runs for roughly 10 seconds before the shutter is released. Use this mode for shots such as photographs of yourself.



Compose the picture and press the shutter button.



The self-timer lamp lights steadily for 5 seconds, blinks for 5 seconds and then takes the picture.

Point

To stop the self-timer once it has started running, press the MODE button.

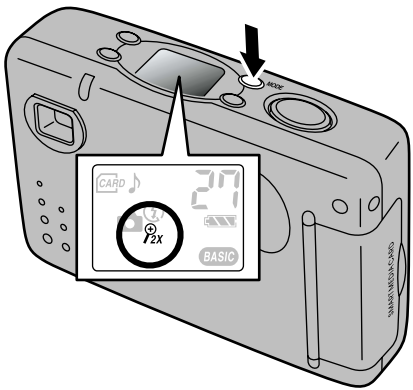
Point

If the ♪ beep tone is switched on (→P.33, 45), the camera emits short beeps for 9 seconds and then a single 1-second beep before taking the picture.

Digital Telephoto Mode

MODE

This mode allows you to enlarge (approx. 2x) the central portion of the viewfinder image.



- **The quality (image quality) setting is automatically switched to "BASIC" (640 x 512 pixels). This setting cannot be changed.**

Point

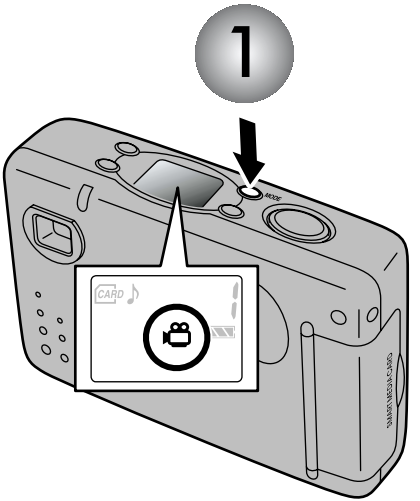
Because you cannot use the viewfinder to check the resulting shot, you cannot accurately determine the area that is photographed.

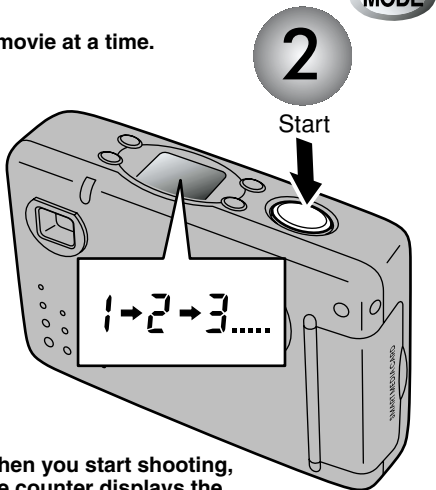
- Normal mode: Position your subject as close as possible to the center of the viewfinder.
- Close-up mode: The displacement caused by parallax makes it difficult to determine the area that is photographed.

Movie Mode

This mode allows you to shoot up to 90 seconds of movie at a time.

MODE



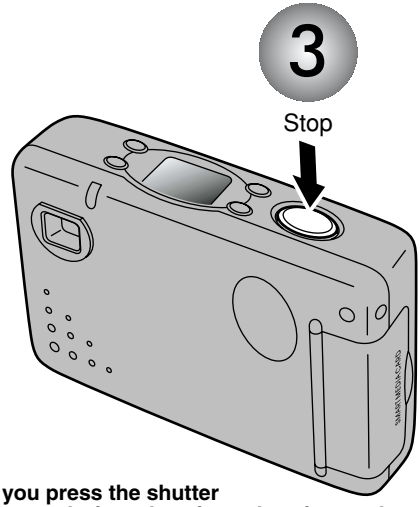


When you start shooting, the counter displays the elapsed shooting time (in seconds).

- Movie format: QuickTime movie, MOV format
  160 × 120 pixels
  10 frames per second
  Without sound

Point

The shooting time per shot may be shorter than 90 seconds depending on the available space on the SmartMedia.



If you press the shutter button during shooting, shooting ends and the movies recorded onto the SmartMedia.

Point

Once the remaining time runs out, movie recording automatically stops and the movie is stored on the SmartMedia.

Viewing Movies

There are 2 ways to view your movies.

①**Connect the camera to a TV (→P.36).**
②**Download the movie to your PC (→P.58).**
To view movies on your PC, install "QuickTime" and use the "QuickTime Player" software.

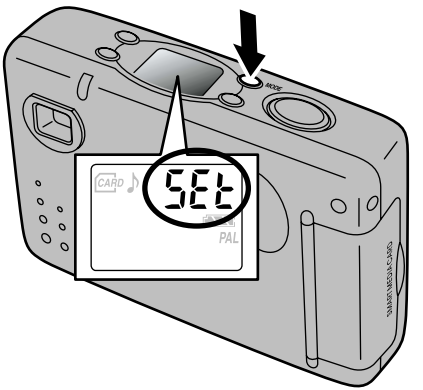
SET Set Mode

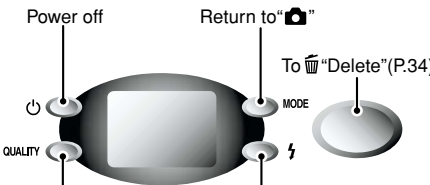
(Video Output Format/Beep Tone Setting/Counter Display Format/Delete)

MODE

SET

Set mode allows you to select the video output format, beep tone on and off, counter display format and to delete images.





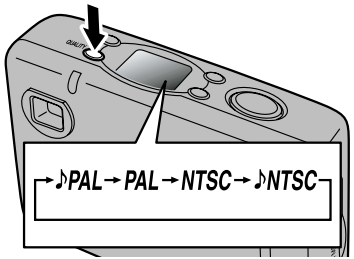
Point

- Press the respective buttons to select settings or delete images.
- When you are deleting images, do not hold down the shutter button as this could result in you mistakenly deleting the image.

Video Output Format/Beep Tone Setting

MODE → SET

This setting allows you to select the video output format and beep tone on and off.



LCD	Description
PAL	This stands for Phase Alternation by Line and refers to a color broadcasting format for TV broadcasting that is used primarily in Europe.
NTSC	This stands for National Television System Committee and refers to a color broadcasting format for TV broadcasting that is used primarily in the U.S and the Japan.
♪	The ♪ icon appears on the LCD indicating that the beep tone sounds.

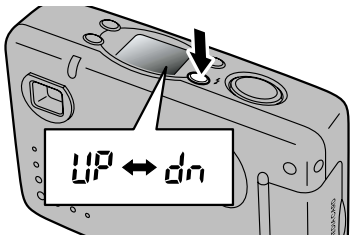
Point

Select the correct setting for your TV format before connecting the camera to a TV to view your images.

Counter Display Format

MODE → SET

This setting allows you to select either the remaining number of shots or the number of shots taken as the counter display mode.



LCD	Description
UP	The displayed number counts up (increases). The display shows the number of shots taken.
dn	The displayed number counts down (decreases). The display shows the remaining number of available shots.

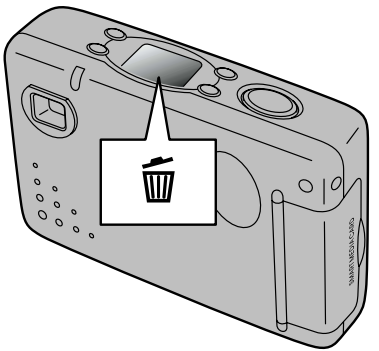
Point

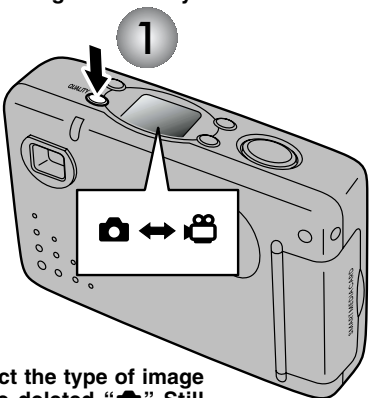
- After you select the setting, if the camera is left unused for 5 seconds or if another button is pressed, the selected setting is confirmed and you are returned to "SET" mode.
- The counter display format cannot be changed when you are in movie mode.

Delete

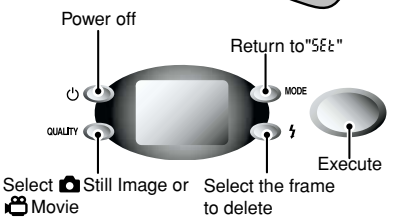
MODE SET

This function is useful for deleting the last image shot but you can not check the resulting images.



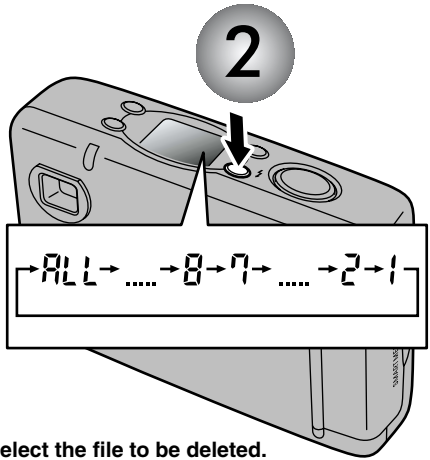


Select the type of image to be deleted "📷" Still Image or "🎥" Movie).

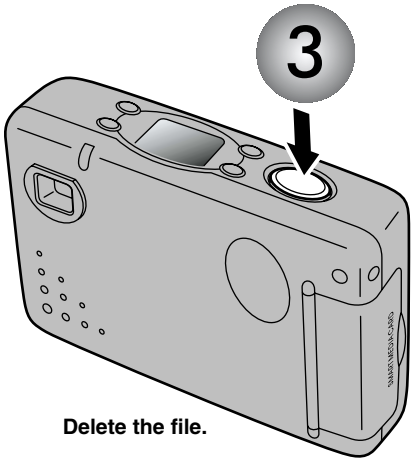


Point

- When you are deleting images, do not hold down the shutter button as this could result in you mistakenly deleting the image.
- If you leave the camera unused for 10 seconds without deleting any images, you are automatically returned to "SET" mode.



Select the file to be deleted.



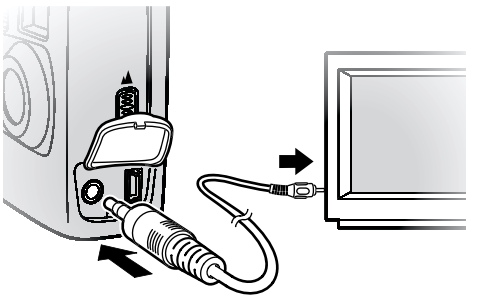
Delete the file.

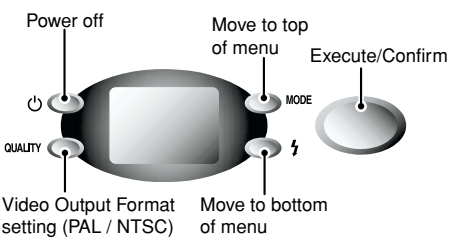
- You can delete all the images by pressing the shutter button for at least 3 seconds.
- To delete the images checking them, refer to page 41.

CONNECTING TO A TV

* Select the correct setting for your TV format before connecting the camera to a TV to view your images.

By using the enclosed video cable to connect the camera to a TV, you can review or delete images and select the camera settings.





Point

- Always switch the camera and TV off before connecting the camera to the TV.
- Select video input mode on the TV settings.

Main Menu

Menu Item	Description	See Page
Index	Views your images 16 frames at a time. Use this option when you want to select a particular image from many images.	P.38
Review	Views images one frame at a time. You can also use this option to delete images.	P.39
Slide show	Views images sequentially at a specified interval (seconds).	P.40
Delete all	Deletes all the images at once.	P.42
Format	Deletes all the data and reformats (initializes) the SmartMedia for use with this camera.	P.42
Language	Selects the language used for menu display.	P.43
Camera information	Displays the camera information.	P.44
Settings	Sets parameters that cannot be set using the "SET" mode on the camera (→P.32).	P.45

Point

If there are no images, "Index", "Review" and "Slide show" cannot be selected.

Index (16-frame review)

This option allows you to view 16 image frames at a time. Use this option when you want to select a particular image from many images.

Point

- The “” icon is displayed for movies.
- To view a single image, play a movie or delete images, select the desired frames and press the shutter button to switch to “Review” mode (→P.39).

Review (view frame)

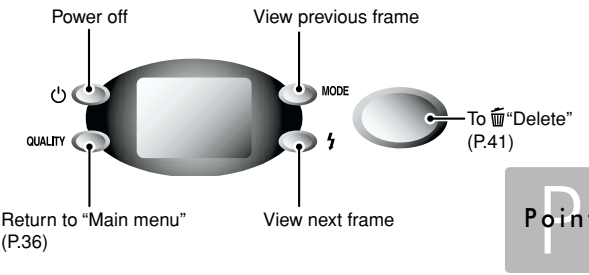
This option allows you to view individual images or to play movies. You can also delete images or movies in this mode.

Point

- Movies are played automatically.
- To delete an image, press the shutter button and switch to "Delete (File info)" mode (→P.41).

Slide show (continuous review)

This option views your images sequentially at a specified interval (seconds). This is useful when you want to view all your images.



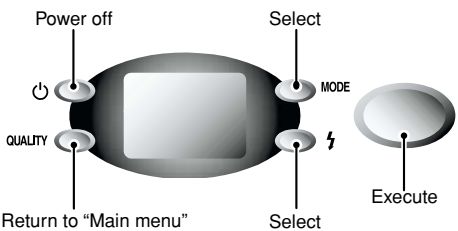
Point

- You can override the slide show to view earlier or later frames.
- Movies are played automatically.
- To delete an image, press the shutter button while the image is displayed and switch to "Delete (File info)" mode (→P.41).

Delete (delete frame)

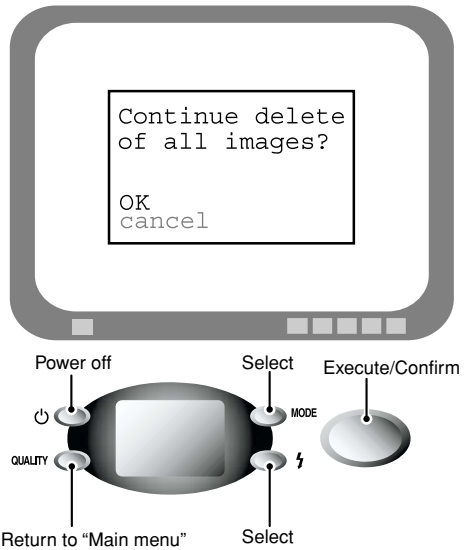
You can use this option to delete individual images and to check image file sizes and movie durations.

When you select “Delete” and press the shutter button, a confirmation message appears. To delete the selection, select “OK” and press the shutter button.



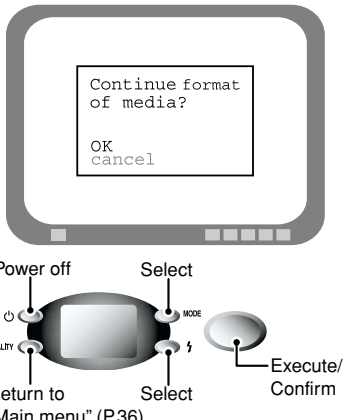
Delete all

This option allows you to delete all the images at once.



Format

This option allows you to delete all the data and reformats (initializes) the SmartMedia for use with this camera.

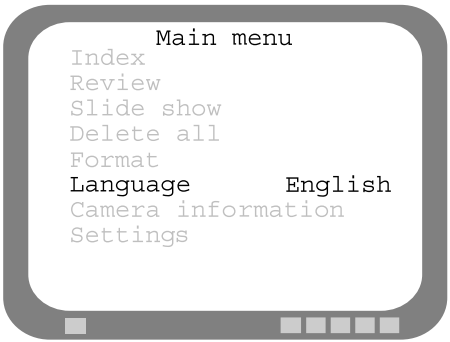


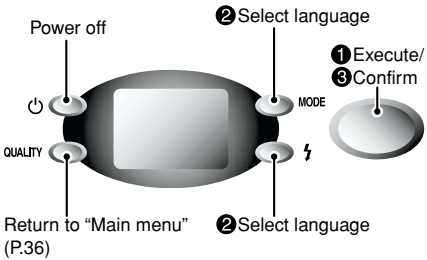
Point

Formatting deletes all the data on the SmartMedia. If the “Err” message appears on the LCD, wipe the contact area (gold-colored section) on the SmartMedia thoroughly with a soft dry cloth and then reinsert the SmartMedia. If the “Err” message still appears, format the SmartMedia.

SEL Language

This option allows you to select the language for the menu display.



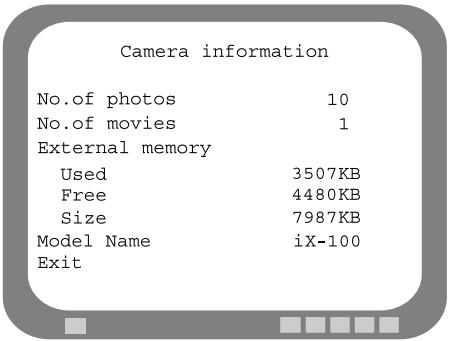


Point

❶Select and apply the language.
❷Change the setting.
❸Confirm the setting.

Camera information

This option displays information such as the amount of SmartMedia capacity used and the remaining available space.



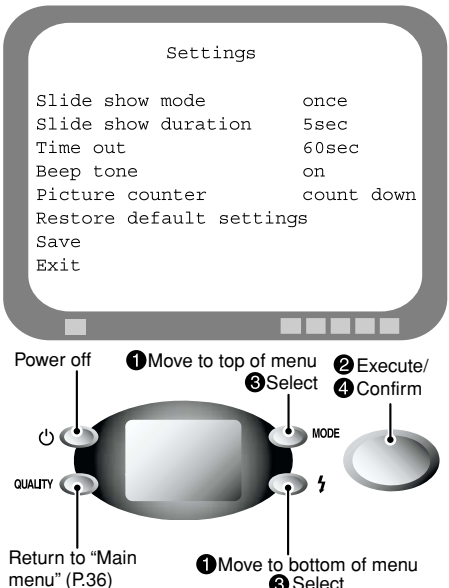
Item	Description
No. of photos	Number of still image frames shot
No. of movies	Number of movie files shot
External memory	SmartMedia usage information
Used	Shows the amount of SmartMedia capacity used.
Free	Shows the available space.
Size	Shows the total capacity of the SmartMedia.

Point

When no SmartMedia is loaded in the camera, the “External memory: Not detected” message is displayed.

Settings

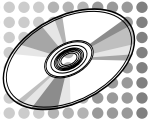
This screen allows you to set parameters that cannot be set using the "SEt" mode on the camera (→P.32), including the slide show display mode and the power save function settings.



Parameter	Settings	Description
Slide show mode	once, repeat	Selects whether the slide show is run just once and then ends or is run repeatedly.
Slide show duration (seconds)	3, 5, 10, 15	Sets the time for which each image frame is displayed.
Time out (seconds)	30, 45, 60, 90, none	Sets the interval after which the power save function operates.
Beep tone	on, off	Selects whether or not the beep tone sounds.
Picture counter	count down, count up	Selects whether the counter display counts down or counts up.
Restore default settings	–	Returns all the parameters to factory default settings.
Save	–	Saves the settings.

Point

❶Select the setting.
❷Apply the setting.
❸Change the setting.
❹Confirm the setting.
- Always select "Save" after you have changed the settings.



INSTALLING THE SOFTWARE

This software allows you to connect the camera to your PC with the enclosed USB cable and then download the images you have photographed to your PC and work with them.

■Pre-installation Checklist

WIN Windows

- Compatible PCs: IBM PC/AT or compatible (models with USB support as standard)
- Operating system: Windows 98 (including the second edition), Windows Millennium Edition (Windows Me), Windows 2000 Professional
- CPU: 200 MHz Pentium or better
- RAM: 64MB minimum
- Hard disk space: 200MB minimum
- Others: A CD-ROM for driver and software installation

✻ Users of Windows 2000 Professional should log on under an Administrator account (e.g. “Administrator”).

MAC Macintosh

- Compatible Macs: Power Macintosh G3 200 MHz minimum (models with USB support as standard)
- Operating system: Mac OS 8.6 - 9.1
- RAM: 64MB minimum
- Hard disk space: 200MB minimum
- Others: A CD-ROM for driver and software installation

Guide to Software

The enclosed CD-ROM contains the software shown below.

- **iX-100 Twain Driver** **(for Windows only)**
  Installing this software allows you to open images directly from TWAIN-compatible software applications such as PhotoImpression.
  ✻ You cannot use this driver to open movie files.
  ✻ This software is not Macintosh-compatible.

Driver Utility Program

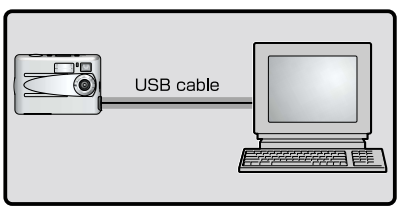
- **iX-100 My Camera Driver**
  This software lets you copy images on your PC by just dragging and dropping them from the folder to the desired location. It is convenient to copy many images.

For Movies

- **QuickTime5**
  Software needed for viewing movies, etc.

For Still Images

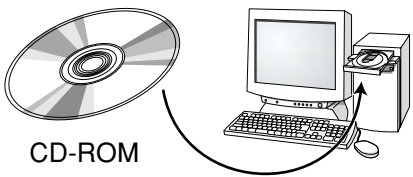
- **PhotoImpression3.0**
  Software to make it easy for you to download camera images and modify them, create calendars or postcards.
  ✻ This software is TWAIN-compatible.



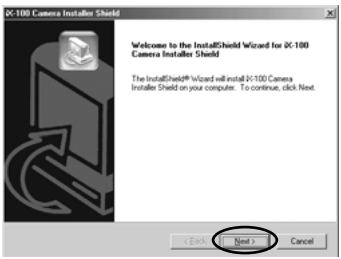
WIN For Windows

Do not connect the camera to your PC using the USB cable

1 Switch on your PC and load the enclosed CD-ROM.



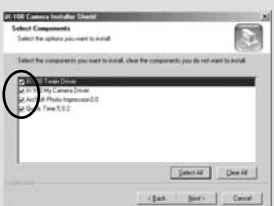
2 The installer starts up automatically.


IX-100 Camera Installer Shield
Welcome to the InstallShield Wizard for IX-100 Camera Installer Shield
The InstallShield® Wizard will install IX-100 Camera Installer Shield on your computer. To continue, click Next.
< Back
Next >
Cancel

Point

■Launching the installer manually

Double-click [SETUP] or [SETUP.exe] in the CD-ROM window.


IX-100 Camera Installer Shield
Select Components
Select the options you want to install.
Select the components you want to install, clear the components you do not want to install.
Select All
Clear All
< Back
Next >
Cancel

You can select the softwares you want to install.

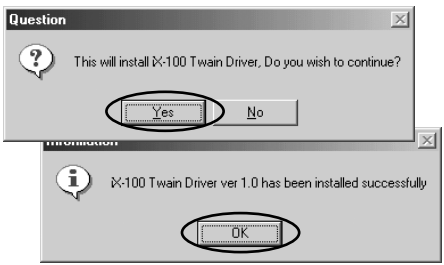
✻ Deselected software is not installed.

✻ The way file names are displayed differs as described below depending on your computer settings.

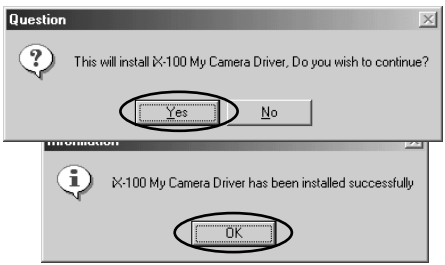
- File extensions (3-letter suffers indicating the file type) may be shown or hidden (e.g. Setup.exe or Setup).
- Text may be shown normally or all in uppercase (e.g. Setup or SETUP).

until the software installation is completed.

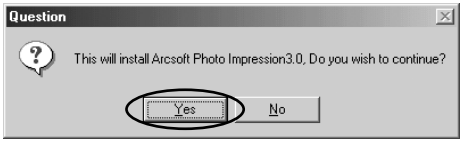
3 Install iX-100 Twain Driver.


Question
This will install iX-100 Twain Driver, Do you wish to continue?
Yes
No
iX-100 Twain Driver ver 1.0 has been installed successfully
OK

4 Install iX-100 My Camera Driver.

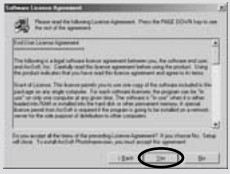

Question
This will install iX-100 My Camera Driver, Do you wish to continue?
Yes
No
iX-100 My Camera Driver has been installed successfully
OK

5 Install PhotoImpression3.0 as directed by the on-screen instructions.



Point

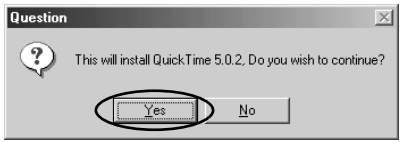
You can select the language for the installation.



Click the [Yes] button in the “Software License Agreement” window.

You can change the installation destination folder.

6 Install QuickTime5 as directed by the on-screen instructions.



7 When you click the [Finish] button, your PC is restarted.

IX-100 Camera Installer Shield
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed IX-100 Camera Installer Shield. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

You can change the installation destination folder.

Simply click the [Next] button.

Leave the fields blank and click the [Next] button.

Select the Internet connection method (line type).

WIN UNINSTALLING THE SOFTWARE

"Add/Remove Programs" is utilized in the Control Panel to uninstall the software.

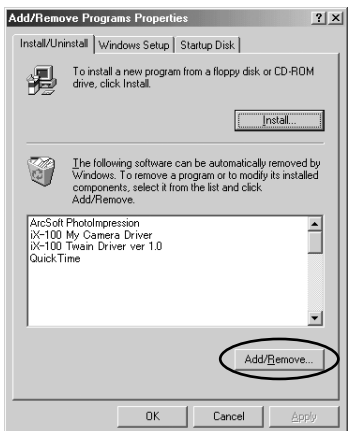
Only perform this operation when you no longer require the installed software.

1. **Check that the camera is not connected to the PC and then start up the PC.**

2. **Exit all application.**

3. **Open the [My Computer] window and double-click [Add/Remove Programs] in the Control Panel.**

4. **The "Add/Remove Programs Properties" window appears. Select the software to be uninstalled and then click the [Remove] button.**


Add/Remove Programs Properties
Install/Uninstall
Windows Setup
Startup Disk
To install a new program from a floppy disk or CD-ROM drive, click Install.
Install...
The following software can be automatically removed by Windows. To remove a program or to modify its installed components, select it from the list and click Add/Remove.
ArcSoft PhotoImpression
iX-100 My Camera Driver
iX-100 Twain Driver ver 1.0
QuickTime
Add/Remove...
OK
Cancel
Apply

5 When the confirmation message appears, click the button as directed by the on-screen instructions.

e.g. iX-100 My Camera Driver

6 Automatic uninstallation begins. When uninstallation ends, click the [OK] button.

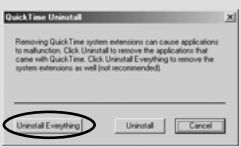
Point

The confirmation message differs depending on the software you select. Click the button as directed by the on-screen instructions.

iX-100 Twain Driver

Confirm File Deletion
Are you sure you want to completely remove "ArcSoft PhotoImpression" and all of its components?
Yes
No

PhotoImpression3.0

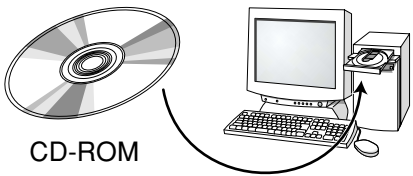

QuickTime Uninstall
Removing QuickTime system extensions can cause applications to malfunction. Click Uninstall to remove the applications that came with QuickTime. Click Uninstall Everything to remove the system extensions as well (not recommended).
Uninstall Everything
Uninstall
Cancel

QuickTime5

MAC For Macintosh

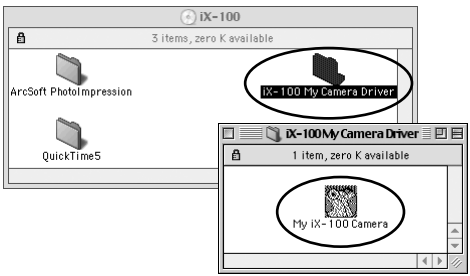
Do not connect the camera to your Macintosh

1 Switch on your Macintosh and load the enclosed CD-ROM.



2 Install iX-100 My Camera Driver.

Double-click the CD-ROM icon and the [iX-100 My Camera Driver] folder to start the installation.

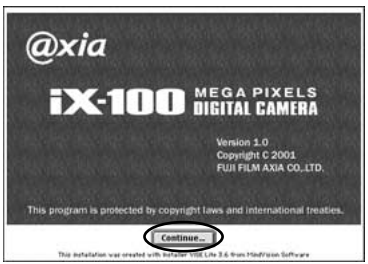


Point

- "iX-100 Twain Driver" is not Macintosh-compatible.
- If you have already installed QuickTime, you do not have to install it. If you want to install, double-click the CD-ROM icon and the [QuickTime5] folder to start the installation.

using the USB cable until the software installation is completed.

3 Click the [Continue...] button to start the installation as directed by the on-screen instructions.



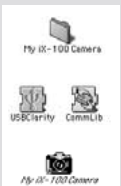
4 Click the [Quit] button.

Installation was successful. If you are finished, click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit

Welcome to the installation of My iX-100 Camera.
Select a destination for the My iX-100 Camera folder. An alias will be created on the desktop for easy access to My iX-100 Camera. After installing My iX-100 Camera, plug the camera in, turn the power on and start the My iX-100 Camera application.
Install Location
Macintosh HD ENG
Switch Disk
Quit
Install

You can change the installation destination folder.

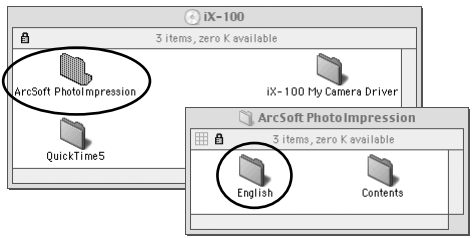
These files are installed on your Macintosh.



- **[My iX-100 Camera] folder**
  In your Macintosh's hard disk
  ✻ If you change the installation destination folder, the file is installed in it.
- **[USBClarity] [CommLib]**
  In the [Extensions] folder inside the System folder on your Macintosh's hard disk
- **[My iX-100 Camera]'s alias**
  On the desk top

Continue to Install PhotoImpression 3.0.

1 **Install PhotoImpression 3.0. Double-click the CD-ROM icon and the [ArcSoft PhotoImpression] folder to start the installation.**



2 **Double-click the [English] folder and the [PhotoImpression Installer] icon to start installation as directed by the on-screen instructions.**

Point

Click the [Accept] button in the “License” window.

You can change the installation destination folder.

3 **Click the [Quit] button.**

Installation was successful. If you are finished, click Quit to leave the Installer. If you wish to perform additional installations, click Continue.
Continue
Quit

These files are installed on your Macintosh.

- **[PhotoImpression] folder**
  In your Macintosh's hard disk
  ✻ If you change the installation destination folder, the file is installed in it.
- **[PhotoImpression]'s alias**
  On the desk top

MAC UNINSTALLING THE SOFTWARE

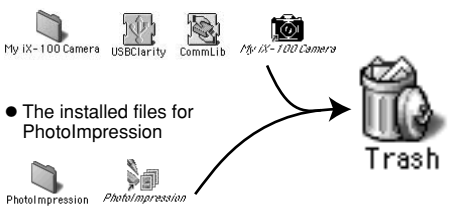
Only perform this operation when you no longer require the installed software.

1 **Drag the following all the installed files to the [Trash].**

2 **Restart your Macintosh.**

3 **Select [Empty Trash] in the [Special] menu.**

- The installed files for My iX-100 Camera Driver



- The installed files for PhotoImpression

DOWNLOADING IMAGES TO A PC <Using the USB cable>

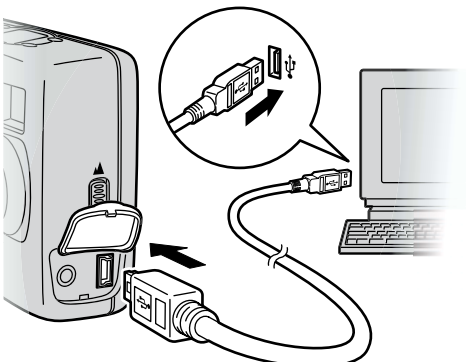
Connecting the camera to your PC with the enclosed USB cable, you can download your images to your PC and work with them.

The driver software is needed to connect the camera to your PC using the USB cable, so check that the driver software was installed correctly.

Windows

Macintosh

Switch the camera on and then connect it to your PC using the USB cable.



Download the images by using "My iX-100 Camera Driver" (→P.59, 60) or "iX-100 Twain Driver (for Windows only)" (→P.62), etc.

Point

- Take care to connect the plugs on the USB cable into the correct sockets, and ensure that the plugs are inserted firmly.
- The Power Save function does not operate when a USB connection is being used.
- Do not disconnect the camera or switch the camera off when the camera is communicating with the PC.

WIN Using My iX-100 Camera

This software lets you copy images on your PC by just dragging and dropping them from the folder to the desired location.

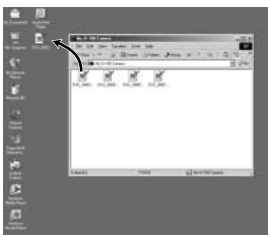
Before connecting the camera to your PC using the USB cable, check that "iX-100 My Camera Driver" was installed correctly.

1

Double-click the [My iX-100 Camera] in the [My Computer] window to open the window.

2

Select the images to be saved on your PC from inside the window. Drag and drop the images to the desired location.



Point

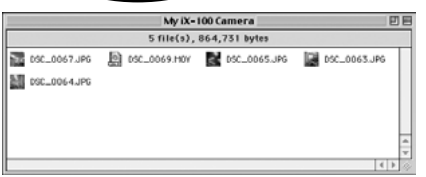
Do not disconnect the camera or switch the camera off when the "My iX-100 Camera" window is open.

MAC Using My iX-100 Camera

This software is used to copy images on your Macintosh and work with them.

Before connecting the camera to your PC using the USB cable, check that "iX-100 My Camera Driver" was installed correctly.

1 Double-click the [My iX-100 Camera] alias on the desk top to open the window.

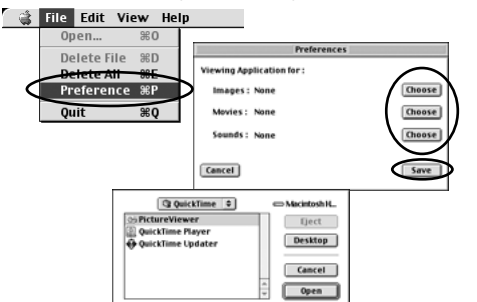


Point

Do not disconnect the camera or switch the camera off when the "My iX-100 Camera" window is open.

2 Select [Preference] in the [File] menu. Click the [Choose] button to select the application to open the images.

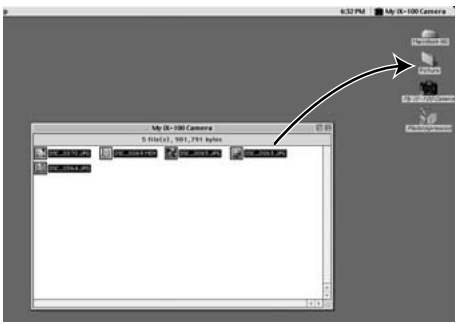
✻ Always select [Save] after you have changed the settings.



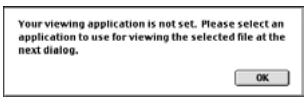
e.g. Images: "PictureViewer" (QuickTime)
Movies: "QuickTime Player" (QuickTime)

3 **Select the images to be saved on your Macintosh from inside the window by clicking them or pressing the [⌘] command + [A] keys (selecting all the images).**

Drag and drop the images to the desired location.



Point The downloaded images are opened in your own image processing software program to double-click them.


Your viewing application is not set. Please select an application to use for viewing the selected file at the next dialog.
OK

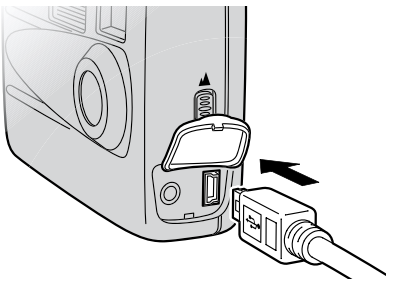
If the message is displayed as shown, the application to open the images is not selected.

WIN Using iX-100 Twain Driver for Windows only

Installing this software allows you to open images directly from TWAIN-compatible software applications such as PhotoImpression.

Before connecting the camera to your PC using the USB cable, check that "iX-100 Twain Driver" was installed correctly.

1 Switch the camera on, and then connect it to your PC using the USB cable.



Point

- Take care to connect the plugs on the USB cable into the correct sockets, and endure that the plugs are inserted firmly.
- The Power Save function does not operate when a USB connection is being used.

2 Launch a TWAIN-compatible software application, select the device and download your images.

✻ Choose "iX-100 Twain Driver" to select the TWAIN driver software.
✻ The method for selecting the TWAIN driver differs depending on the software you are using. If you are using PhotoImpression, refer to P.66.

When the TWAIN driver is selected, the screen shown at right appears.

Point

Do not disconnect the camera or switch the camera off when the camera and PC are communicating.

Select the images to be download.

✻ You can select multiple images by holding the [Shift] key or [Ctrl] key as you click the images.

Download the images to your PC.

✻ The image is saved onto [My Document] > [My Pictures] to click the [Open Selection] button (factory default).

Specify the save destination folder for the images before downloading them.

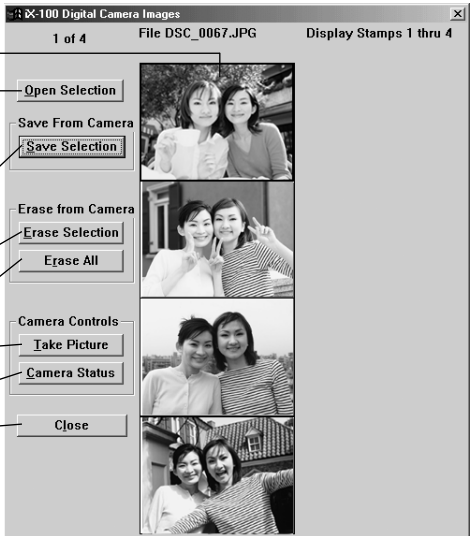
Erases the selected image in the camera.

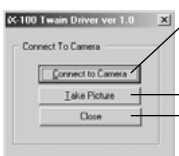
Erases all the images in the camera.

Click the [Take Picture] button to take a picture.

Checks the camera model and version.

Closes the window.





The screen shown in the top appears and you can continue with image downloading, etc.

Click the [Take Picture] button to take a picture.

Quits the “iX-100 Twain Driver”

✻ Always exit the software when image downloading is completed.

USING PhotoImpression 3.0

This is a software to make it easy for you to download the images and modify them, create calendars or postcards.

- Quits the application.
- Minimizes the application window.
- Displays the help window.

Get Photo

Use this button to download images from your camera. You can also use this button to load other images you like from stored albums or from your hard disk.

Edit

Use this button to perform image editing tasks such as cropping, retouching and adjustment.

Create

Use this button to create a calendar or greeting card using your images or to put a frame around your images.

Save

Use this button to save images with the original name or under another name. This allows you to upload your saved images to the online photo sharing site (optional) or to attach your images to e-mail messages.

✻ You must have a valid Internet connection.

Print

Use this button to print one image per page or multiple images arranged on the same page.

Further information about “PhotoImpression” can be found at www.arcsoft.com.

Navigation Window
This window displays a reduced version of the entire image. When you are working with enlarged images, the navigation window provides a quick and easy way to move to a location you want to view.

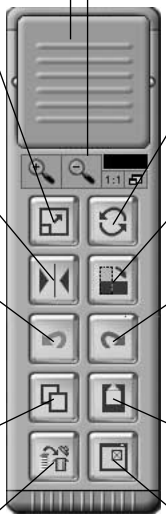
Resize tool
Use this tool to make an image larger or smaller by dragging the handles on each corner of the image. You can also use this tool to drag the entire image to a different position.

Flip Horizontally tool
Use this tool to flip the image horizontally to produce a mirror image.

Undo tool
Use this tool to cancel (undo) the last unsaved action you performed.
You can undo an action any number of times by simply clicking this button repeatedly.

Copy tool
Use this tool to copy the selected area or layer to the clipboard.

Delete Layer tool
Use this tool to delete the currently selected layer.



Scale Control
Use this button to specify enlarged or reduced image display.
- Clicking [1:1] displays the image at 100%.
- Clicking [ ] displays the image in full-screen mode.
- To cancel full-screen mode, press the [Esc] key.

Freehand Rotate tool
Use this tool to rotate the image by dragging one of the handles on each corner.

Rotate All Layers tool
Use this tool to rotate the image in 90° increments.

Redo tool
Use this tool to redo the last cancelled (undo) operation. You can redo an action any number of times by simply clicking this button repeatedly.

Paste tool
Use this tool to paste the contents of the clipboard onto a new layer.

Close Image tool
Use this tool to close the currently selected image.

Get Photo

Use this button to download images from the camera. You can also use this button to load other your favorite images from stored albums or from your hard disk.

Camera/Scanner

Use the following procedure to download images from a device such as a TWAIN-compatible camera (the iX-100).

✻ Connect the camera to your PC using the USB cable.

❶ Check that [Get Photo] is selected.

❷ Select [Camera/Scanner].

❸ Select the source. A list of compatible devices appears and then select [iX-100 ver 1.0 Digital Camera].

❹ Click the [ ] button.

Pressing the [ ] button launches the TWAIN driver used for image downloading. Specify the files to be downloaded.

Album

This allows you to store your favorite images in albums. Note that an album is simply a way of recording the locations in which image files are stored and does not contain the actual images themselves.

✻ Store the actual images on your hard disk. You can also view the images in an album as a slide show.

From File

This allows you to open image files saved on your hard disk or a CD-ROM.

✻ The Quick Access function lists the most recently opened images. To open an image not shown on the list, click the [Browse] button and select the desired file.

Create New

This allows you to create a new image.

Screen Capture

This allows you to capture and download a image of your PC's current desktop.

Edit

Use this button to perform image editing tasks such as cropping, retouching and adjustment.

Select & Crop

Select: This tool lets you specify whether the selected area is square, circular or polygonal.

Crop: This tool crops around the area specified with the selection so that only the selected area is displayed.

Retouch

This allows you use the brush tool or pen tool to draw on the image. There are also tools for correcting red-eye, for partial blurring or sharpening, for filling in selected areas and for filling in areas with patterns or gradations of shade.

Text

This allows you to add text to an image. A new layer is automatically created for the added text.

- You can specify the font, style, size and color.
- You can also add a shadow to text and adjust the density of the shadow.

✻ Created text can be modified later.

Enhance

This allows you to make adjustments to the entire image. You can adjust the color tones, the brightness and the contrast. You can also soften, sharpen, or equalize the image and convert it to a negative image.

Effects

This option allows you to apply special effects to the entire image.

Layers

This provide an easy way to edit images. You can drag and drop layers to change the layer sequence (overlay order).

- The currently selected layer is displayed with a yellow border. Click the layer you want to edit.
- Click the green button to toggle between hiding and showing a layer.
- You can use the slider to adjust the transparency of a layer.

Create

Use this button to create a calendar or greeting card using your images or to put a frame around your images.

Frames & Edges

This option allows you to create a frame or border for your image.

- When you have selected your preferred frame or border, click [Apply] to apply your selection to the image.

Cookie Cutter

This allows you to crop your image as if you were using a cookie cutter.

- Select your preferred cutter shape and then click [Apply] to apply the selected cutter shape to the image.

Calendars

This allows you to create your own original calendar simply by selecting a calendar template.

- Select the year, the months and the template and then click [Apply] to apply your selections.

✻ You can adjust the size and position of the image later.

Greeting Cards

This allows you to create your own original greeting card simply by selecting a greeting card template.

- Select the template and then click [Apply] to apply your selections.

✻ You can adjust the size and position of the image later.

Photofantasy

This allows you to create fantasy shots using templates in a range of genres.

- Select your preferred template, make fine adjustments to the scale and position, and then click [Apply] to apply your selections.

Cool Software

This provides an easy way to open images in your own image processing software program.

- To add your software application to the list, click the [Add] button and then specify your software program.

TROUBLESHOOTING

Problem	Cause	Remedy
No power.	● The batteries are exhausted. ● The batteries are not loaded correctly. ● You use other batteries except alkeline ones.	● Replace the new alkaline batteries. ● Load the batteries in the correct direction. ● Use the alkaline batteries only.
The batteries run out quickly.	● You are using the camera in extremely cold conditions.	● Put the batteries in your pocket or another warm place to heat it and then load it into the camera just before you take a picture.
No photograph is taken when the shutter button is pressed.	● Data is being recorded ("BUSY" is displayed on the LCD or the viewfinder lamp is flashing orange). ● You pressed the shutter button while the flash was charging (The viewfinder lamp lights orange). ● The Power Save function has switched the camera off. ● The SmartMedia is fully recorded. ● The SmartMedia contact area (gold-colored section) is soiled. ● The SmartMedia is write-protected. ● The SmartMedia is damaged.	● Data is being recorded. Wait until the viewfinder lamp turns green before taking a picture. ● Wait until charging is completed (the viewfinder lamp turns green) before pressing the shutter button. ● Switch the camera on. ● Insert the new SmartMedia or delete some unwanted frames. ● Wipe the SmartMedia contact area with a clean dry cloth. ● Remove the write-protect stickers. ● Use the new SmartMedia. Or format the SmartMedia.
Can't use the flash to take picture.	● The flash is set to flash-off mode. ● The batteries are exhausted.	● Set the flash to auto flash mode or forced flash mode. ● Replace the new alkaline batteries.
The playback image is too dark even though the flash was used.	● The subject is too far away. ● Your finger is obscuring the flash.	● Move closer to the subject (0.8-2.0m). ● Hold the camera correctly.

Problem	Cause	Remedy
The image is blurred.	● The camera or subject was moving when the shot was taken. ● You photographed a distant subject with the close-up mode.	● Use the tripod, or set to the flash mode. ● Set the shooting distance selector switch to normal mode.
Images of subjects shot in close-up mode are too bright.	● The flash fired in close-up photography.	● Set to the flash-off mode.
Nothing happens when you use the camera buttons and switch.	● Camera malfunctions. ● The batteries are exhausted.	● Remove the batteries, re-insert them and try again. ● Replace the new alkaline batteries.
There is no picture on TV	● The TV input is incorrect.	● Set to TV input to “video”.
I cannot format the SmartMedia.	● The SmartMedia is write-protected.	● Remove the write-protection (Peel off the write-protect sticker).
The PC does not recognize the camera.	● Connect the camera to the PC with the USB cable before installing the software.	● Connect the camera to the PC with the USB cable and select [My Computer] → [Control Panel] → [System] → [Device Manager]. In the Device Manager window, delete [Composite USB device] or [Unknown device] in [Other devices]. Then disconnect the camera and install the software before reconnecting the camera to the PC. ● Connect the camera directly to the PC using the USB cable, not via a USB hub. ● Disconnect the other USB devices conneted to the PC.

■ Warning Display

Warning Display	Meaning	Remedy
"▭" is displayed on the LCD.	● The batteries are exhausted.	● Replace the new alkaline batteries.
"Err" appears on the LCD taking photography.	● A SmartMedia is not loaded.	● Insert the SmartMedia.
"Err" appears on the LCD and the viewfinder lamp glows red.	● The SmartMedia is faulty.	● Wipe the SmartMedia contact area with a clean dry cloth. It may be necessary to format the SmartMedia.
"CARD" is flashing, "Pro" appears on the LCD and the viewfinder lamp glows red.	● The SmartMedia is write-protected.	● Remove the write-protection (Peel off the write-protect sticker).
"bSY" is displayed on the LCD or the viewfinder lamp is flashing orange.	● The camera's internal memory is full.	● You cannot take another picture because data is being recorded. Wait until the viewfinder lamp turns green before taking a picture.

Specifications

- **CCD image sensor**
  CMOS image sensor
  Actual number of pixels: 1.36 million pixels
  Effective number of pixels: 1.31 million pixels
- **Storage media**
  SmartMedia (3.3V 4/8/16/32/64/128MB compatible)
- **File format**
  Still image: Design rule for Camera File system-compliant (JPEG-compliant)
  Movie: QuickTime movie, MOV format
- **Image file size**
  Fine: 1280 × 1024 pixels (Compression ratio: low)
  Normal: 1280 × 1024 pixels (Compression ratio: medium)
  Basic: 640 × 512 pixels
- **Sensitivity**
  Equibalent to ISO79
- **Digital telephoto mode**
  2× (Basic 640 × 512pixels)
- **Lens**
  F=3.0, f=10.3 mm (Equivalent to 45 mm on a 35 mm camera)
- **Finder**
  Real image optical finder
- **Focal range**
  Normal: Approx. 1.0 m-∞
  Close-up mode: Approx. 20-30 cm
- **Shutter speed**
  1/7-1/1500 sec.
- **Focus**
  Focus free
- **Self-timer**
  10 Sec. Timer clock
- **Movie**
  Shoot up to 90 sec., without sound, 160 × 120 pixels, 10 frames per second
- **PC camera mode**
  Compatible
- **Flash**
  Effective flash range: Approx. 0.8-2.0 m
- **Flash mode**
  Auto flash/Forced flash/Flash-off
- **Video output**
  PAL/NTSC
- **Digital output**
  USB (ver. 1.1)
- **Standard No. of available shots (SmartMedia 4MB)**
  Fine (1280 × 1024 pixels): Approx. 14 shots
  Normal (1280 × 1024 pixels): Approx. 20 shots
  Basic (640 × 512 pixels): Approx. 43 shots
- **Power supply**
  LR6 AA-size alkaline batteries (2) (Included)
- **Camera dimensions**
  95 mm × 66 mm × 30 mm (W/H/D) (not including accessories and attachments)
- **Camera mass (weight)**
  Approx. 112 g (not including accessories batteries and SmartMedia)

✻ These specifications are subject to change without notice. Fuji Photo Film (U.K.) Ltd., shall not be held liable for damages resulting from errors in this User's Manual.

System Requirements

For Windows

- Compatible PCs: IBM PC/AT or compatible (models with USB support as standard)
- Operating system: Windows 98 (including the second edition), Windows Millennium Edition (Windows Me), Windows 2000 Professional
- CPU: 200 MHz Pentium or better
- RAM: 64MB minimum
- Hard disk space: 200MB minimum
- Others: A CD-ROM for driver and software installation

For Macintosh

- Compatible Macs: Power Macintosh G3 200 MHz minimum (models with USB support as standard)
- Operating System: Mac OS 8.6-9.1
- RAM: 64MB minimum
- Hard disk space: 200MB minimum
- Others: A CD-ROM for driver and software installation

EC Declaration of Conformity

CE

We

Name: Fuji Photo Film (U.K.) Ltd.,

Address: 125 Finchley Rd
London NW3 6HY, United Kingdom

declare that the product

Product Name: Fujifilm Axia Digital Camera iX-100
Manufacture's Name: Fujifilm Axia Co., Ltd.
Manufacture's Address: 17-5 Shibuya 2 Chome, Shibuya-Ku,
Tokyo 150-0002 Japan

is in conformity with the following standards
EMC: EN55022: 1998 Class B
EN55024: 1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/ECC)

London, United Kingdom	November 1, 2001	Toshio Nakamura
Place	Date	Name/Managing Director